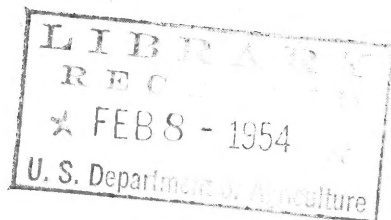


Gunson's Farm Seeds

Prices for Spring 1954

62,61



L. P. GUNSON & CO.

ROCHESTER 1, N. Y. Glenwood 1415

SEEDSMEN

1888 — 1954

JANUARY, 1954

IMPORTANT INSTRUCTIONS—READ CAREFULLY

TERMS—NET CASH, F. O. B. Rochester, N. Y. Customer pays transportation charges. Bags free.

Prices subject to change without notice. All orders subject to our confirmation.

1. All orders will be shipped from Rochester to destination of customer's choice. We cannot however, assume responsibility for door to door delivery. Wherever possible shipment will be made by pooled carload or truckload to a central point locally. Otherwise L.C.L. rail freight will be used.
2. Do not include garden seed items on Farm seed orders. Our Farm and Garden Seeds are two entirely separate departments. We pay transportation on garden seeds. Farm seeds are F.O.B. Rochester.
3. All orders must be signed by purchaser in space indicated on order blank.
4. Be sure to enter on each order **the date customer wants his seed to arrive.** We will then ship so that the seed will arrive as near that date as possible. Try to encourage your customers to accept early delivery so as to avoid possible delay at seeding time due to transportation difficulties.
5. Use carbon paper in booking orders, **send us the original,** leave a copy with customer and keep one for your own reference.



PURITY and GERMINATION IMPORTANT

Every bag of Gunson Seed has attached a tag giving complete analysis, germination, etc.



WEEDS ARE COSTLY—WEEDS ARE A MENACE

Attracted by price, some farmers are paying little attention to the purity and origin of the seed they are using. Such thoughtlessness means a loss for both the party using such seed and later for his neighbors.

It is estimated weeds cause American farmers a loss of \$3,000,000,000 each year.

CONDITIONS OF SALE—L. P. Gunson & Co., warrants to the extent of the purchase price that seeds sold are as described on the container within recognized tolerances, Seller gives no other or further warranty, express or implied.

Cost Consciousness

Our thousands of farmer friends in the North—North East section of the country must continue their effort to curtail their operating costs. In the majority of instances, prices which they receive for their farm products are considerably lower than was the case a year or two ago but their cost of doing business has not dropped proportionately.

Increased production of home grown feeds is one of the surest means of holding down costs but if this production is of inferior grade and quality, then the program defeats its own ends. With new grain and grass varieties designed and bred for our climatic conditions and with improved skills and equipment in the field of seed cleaning, there is no longer any need for inferior production of feeds and fibers caused by unsuited or low grade seed.

We have kept abreast of the times and now offer a full and complete line of varieties best suited to our customers and prospects. No expense has been spared and no stone left unturned in our ever present aim for the highest quality and purity in seeds. Economize by producing a greater portion of your feeds.

ECONOMIZE WITH QUALITY SEEDS

OUR CHOICE TO INSURE YOU LARGER YIELDS OF QUALITY CROPS

ALFALFA—Certified Ranger—again we strongly recommend this new variety. It is resistant to bacterial wilt and is much longer lived than the older varieties. It's higher yield becomes more pronounced after the first year or two.

Certified Narragansett—A new variety which is cold tolerant. It is not, however, resistant to bacterial wilt. This variety has exceptional vigor and will give high yields during the first two or three years after planting. After that bacterial wilt begins to reduce the stand.

MEDIUM RED CLOVER—Kenland—is an improved medium red clover that is resistant to southern Anthracnose. It is also somewhat resistant to crown rot and should be a valuable variety for use where diseases are prevalent.

CORN—We are pleased to announce that we are now exclusive distributors in New York and the New England States of the **Famous Line of Pfister Hybrid Corns**. Millions of dollars have been spent in research and breeding to develop these hybrids particularly for the northern sections of the country. No finer or more suitable line can be had at any price. In addition we continue to offer our regular hybrid and open pollinated corns which have justified by performance their high popularity. All of our hybrid corn, including Pfister, is produced in Canada.

For more detailed information on these or any other of our listed varieties, write for bulletins.

CORN—Open-Pollinated Varieties—56 lbs. per bu.

Treated	$\frac{1}{2}$ Bu.	1 Bu. Per Bu.	2 to 3 Bu. Per Bu.	4 Bu. or more Per Bu.
CARDINAL KING.....	\$4.00	\$7.20	\$7.10	\$7.00
PRIDE OF NISHNA.....	4.00	7.20	7.10	7.00
Cornell No. 11.....	3.75	6.70	6.60	6.50
Early Rochester.....	3.75	6.70	6.60	6.50
Golden Glow.....	4.00	7.20	7.10	7.00
Gunson Red Giant	4.00	7.20	7.10	7.00
Lancaster Sure Crop.....	4.00	7.20	7.10	7.00
Red Robin.....	4.00	7.20	7.10	7.00
W. B. Sweepstakes.....	4.00	7.20	7.10	7.00
Yellow Sweepstakes.....		SOLD OUT		

See descriptions pages 11 and 12.

CORN—Hybrid Varieties—56 lbs. per bu.

Treated	$\frac{1}{2}$ Bu.	1 Bu. Per Bu.	2 or 3 Bu. Per Bu.	4 Bu. or more Per Bu.
Gunson 22	7.25	13.70	13.60	13.50
Gunson 240.....	6.75	12.70	12.60	12.50
Gunson 275.....	6.75	12.70	12.60	12.50
Gunson 335 (Red Hybrid) ...	6.75	12.70	12.60	12.50
Gunson 355.....	6.75	12.70	12.60	12.50
Gunson H-300	7.00	12.95	12.85	12.75
Cornell 29-3.....	6.50	12.20	12.10	12.00
Cornell M-4	6.75	12.70	12.60	12.50

See descriptions page 10.

Canadian Grown Hybrids for Northern Farmers

Gunson Hybrids produce ears with less cob and more corn. Big tall leafy corn alone is not enough to keep a dairy herd up to peak production. Well developed ears give extra weight and feeding value.

SOY BEANS "L"—60 lbs. per bu.

	$\frac{1}{2}$ Bu.	1 Bu. or more
Manchu, 120 days.....	3.75	7.00 Per Bu.
Hawkeye, 117 days.....	3.75	7.00 " "
Cayuga, 90 days.....	3.75	7.00 " "
Seneca, 100 days.....	3.75	7.00 " "
Lincoln, 115 days.....	3.75	7.00 " "

Soy Beans are an important legume. For best results inoculate your seed. They produce a hay equal to alfalfa. Cayuga and Seneca for grain production. Lincoln or Manchu for hay or ensilage. Hawkeye can be used for both grain and hay.

MISCELLANEOUS

	Lbs. per Bu.	5 Lbs.	10 lbs.	25 lbs.	100 lbs.
Domestic Rye Grass....	24	\$1.75	\$2.85	\$6.60	\$22.00
Perennial Rye Grass...	24	2.25	3.65	8.40	28.00
Japanese Millet	35	.90	1.45	3.30	11.00
Hungarian Millet.....	48	1.30	2.10	4.80	16.00
Sudan Grass Commercial	40	1.60	2.60	6.00	20.00
Sudan Grass Piper Cert.	40	2.00	3.25	9.50	25.00
Vetch, Hairy or Winter "L"	60	2.40	3.90	9.00	30.00
Vetch, Spring "L"	60	1.35	2.20	5.10	17.00
Rape, Dwarf Essex.....	50	2.00	3.25	7.50	25.00
Sorghum, Early.....	50	1.75	2.85	6.60	22.00
Brome Grass Lincoln Type.	14	2.80	4.55	10.50	35.00
Orchard Grass.....	14	3.45	5.60	12.90	43.00

NEW ENGLAND GRAIN MIXTURE—86 lbs. per bag
—Special Blend of Oats, Barley and Spring Wheat.

1 to 9 bags, \$6.90 per bag; 10 or more bags, \$6.40 per bag.

JAPANESE MILLET—Seed at rate of 15 to 20 lbs. per acre. For green feed begin to cut before the heads appear. For ensilage cut in late bloom or when seed is beginning to form. Tolerates wetter soils than other millets.

SUDAN GRASS—Drill solid at a depth of one to one and one-half inches, at 25 lbs. per acre. A grain drill set to sow 2 pecks of wheat per acre will sow the required amount. More valuable than buckwheat for weed control because of rapid growth. Certified Piper is recommended. Exhaustive tests have proved it to be superior in yield and quality to Commercial Sudan.

BROME GRASS—LINCOLN TYPE. Now used extensively for hay and pasturage. A heavy yielding hay crop alone or in mixture with legumes. 5 to 8 lbs. of brome per acre depending upon use and mixture. Best sown broadcast or mixed with oats and drilled.

DOMESTIC RYE GRASS—Has come to be used for winter cover and very early spring pasture. Is green and growing in the cool moist spring weather long before most other grasses. In general an annual, it will provide feed throughout the growing season. 15 to 25 lbs. per acre the usual rate.

BARLEY —48 lbs. per bu.	1 to 4 Bu.	5 to 24 Bu.	25 Bu. or more
Treated—	Per Bu.	Per Bu.	Per Bu.
Moore—6-row Smooth	\$3.20	\$3.10	\$2.90
Certified Erie—2-row Smooth	3.50	3.40	3.20

BUCKWHEAT —48 lbs. per bu.	1 Bu. or more
Japanese	2.10 4.00 Per Bu.

CANADA FIELD PEAS "L"	1 Bu. or more
—60 lbs. per bu.....	5.50 10.20 10.10 10.00

HENRY SPRING WHEAT —60 lbs. per bu..	3.40	6.10	6.00	5.90
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See Page Seven Relative to Treating of Grasses and Legumes.

Gunson's

PREMIUM GRADE GRASS SEED

We offer only adapted grass and clover seeds of high standard of purity and quality. We choose growing areas on the basis of quality production and winter hardiness. Producing areas from which comes seed that is not adaptable to our northern conditions are carefully avoided. This high quality product should not be compared with the cheaper class of seed grown in the southern belt.

Every bag of grass seed shipped from our warehouses is tagged to show germination, purity, percentage of inert matter, etc. Read the analysis on any lot of our clover or grass seed and you will find that above all we insist that the seed be clean, pure, of high germination and free from contaminating weed seeds.

	Lbs. Per Bu.	½ Bu.	1 Bu.	2 Bu. or more Per Bu.
Timothy.....	45	\$ 6.00	\$11.15	\$11.00
Timothy and Alsike.....	45	7.00	13.15	13.00
Sweet Clover "L".....	60	7.75	14.65	14.50
Red Top.....	40	20.50	40.15	40.00
Kentucky Blue Grass.....	20	16.00	31.15	31.00
Reed Canary Grass.....	44	12.50	24.15	24.00

	Lbs. Per Bu.	15 Lbs.	30 Lbs.	1 Bu. or more Per Bu.
Alsike Clover "L".....	60	\$ 7.00	\$12.50	\$24.00
Kenland Red Clover—Cert. "L".	60	10.50	20.00	39.00
Medium Red Clover "L".....	60	8.75	16.50	32.00
Narragansett Red Clover Cert. "L".....	60	11.00	21.00	41.00
Mammoth Red Clover "L".....	60	8.75	16.50	32.00
Atlantic Alfalfa—Cert. "L".....	60	9.00	17.00	33.00
Ranger Alfalfa—Cert. "L".....	60	8.50	15.50	30.00
No. Grown Grimm Alfalfa "L"..	60	8.00	15.00	29.00
Hardy Tap Root Alfalfa "L"... (COMMON)	60	8.00	15.00	29.00

Certified Ladino Clover: 1 to 9 lbs. \$1.10 per lb.; 10 lbs. or more, \$1.00 per lb.

Wild White Clover: 1 to 5 lbs. \$2.10 per lb.; 5 lbs. or more, \$2.00 per lb.

White Dutch Clover: 1 to 5 lbs. \$1.30 per lb.; 5 lbs. or more, \$1.20 per lb.

Birdsfoot Trefoil, Imported: 1 lb. \$1.60; 5 lbs. \$1.35 per lb.; 10 lbs. \$1.20 per lb.; 20 lbs. or more, \$1.10 per lb.

Birdsfoot Trefoil, Certified Empire: 1 lb. \$3.25; 5 lbs. or more: \$3.00 lb.; 10 lbs. or more: \$2.90 lb.; 20 lbs. or more: \$2.80 per lb.

HAY-MEADOW MIXTURES

	Per Lb.	100 Lbs.
Economy Mixture (11 Alsike, 25 Red Clover, 10 Red Top, 54 Tim.)	.43	42.00
Success Mixture (10 Alsike, 30 Red Clover, 55 Tim., 5 Alfalfa)	.38	37.00
Standard Mixture (10 Alsike, 35 Red Clover, 55 Tim.,)	.38	37.00
Soil Improvement Mixture (15 Alsike, 27 Red Clover, 58 Tim.)	.36	35.00

Sow all Hay-meadow mixtures 15 lbs. per acre.

PASTURE MIXTURES

	Per Lb.	100 Lbs.
Pasture Mixture No. 1 (15 Alsike, 25 Red Clover, 30 Tim., 15 Red Top, 15 Kentucky Blue)	.64	63.00
Pasture Mixture No. 2 (10 Alsike, 40 Tim., 30 Red Top, 20 Orch. Grass)	.53	52.00

Sow all pasture mixtures 20 lbs. per acre.

PRODUCER MIXTURES

	Per Lb.	100 Lbs.
Dairy Mix (47 Alfalfa, 6 Ladino, 47 Brome Grass)	.46	45.00
General Purpose Mix (36 Tim., 27 Kentucky Blue, 18 Alfalfa, 9 Red Clover, 5 Alsike, 5 Ladino)	.69	68.00

Sow all Producer Mixtures 15 lbs. per acre.

Wherever any of the above mixtures call for Ladino clover or Alfalfa, we are this year using only Certified Ladino and Certified Ranger Alfalfa. This is another step in our constant program to deliver to our customers, only the highest quality available at prices commensurate with that grade.

For best results with legumes, "L," and mixtures containing legumes, always inoculate with Nitragin. See page 13 for prices.

SEED TREATMENT

In 1954 we are offering to our customers a new service designed to give them one more assurance of success with their seedings. At a cost of only 1c per pound we will treat any and all grasses or legumes or any mixture of these, with a chemical designed to control seed or soil borne germs and insects which attack the seed prior to sprouting and cause a reduction in stand. In 271 field tests over the past three years this treating has resulted in an average increase in stand of 45% as compared to untreated seed. The cost, rarely exceeding 25c per acre is cheap insurance.

IMPORTANT

All Clovers, Alfalfas, Alsike, Timothy and Grasses, with the exception of Birdsfoot Trefoil, are Canadian or Domestic Grown of high standard of purity and germination.

This premium quality is also used in all our mixtures.

Tried and Tested Superior Oats

At no extra cost, all our oats are treated with Ceresan M to insure the best possible germination and stand and to protect against seed attacking diseases.

OATS —32 lbs. per bu.	Per Bu. 1 to 10 Bu.	Per Bu. 11 to 24 Bu.	Per Bu. 25 Bu. or more
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NEW YORK SELECTED

Beaver.....	2.30	2.20	2.00
Clinton Improved Sel No. 11	2.30	2.20	2.00
Mohawk.....	2.30	2.20	2.00
Swedish Star—	SOLD OUT		
Improved Mammoth Cluster—	SOLD OUT		

NEW YORK CERTIFIED

Craig Certified—	SOLD OUT		
Mohawk—Certified.....	2.50	2.40	2.20
Clinton—Certified No. 11 Sel	2.50	2.40	2.20
Ajax—Certified.....	2.50	2.40	2.20

CANADIAN GROWN OATS

Beaver—			
Canadian Registered.....	2.80	2.70	2.50

B E A V E R

MID-SEASON STIFF STRAW BIG YIELDER

This excellent oat originated in Canada where it consistently averages better than 100 bushels per acre.

It is resistant to Stem and Leaf Rust and has not been affected by Helminthosporium Blight. Beaver is a big favorite in our eastern states where it is in strong demand for feeding and milling. The grain is white, large and thin hulled. It is superior in strength of straw, with stalks very thick walled and 3½ to 4 ft. tall. The large head which is panicle or branching type results in heavy yields.

M O H A W K

DISEASE RESISTANT MEDIUM EARLY

This new superior quality, high yielding oat developed from a cross of Bond and Iowa D-67 by combined efforts of U.S. Dept. Agriculture and several State Experiment stations.

Mohawk is medium early, about 3 days later than Vicland, very stiff straw 40 inches tall. Dependable for high yields of plump, meaty yellow kernels of high feeding value. It is resistant to Helminthosporium Blight, Leaf Rust and Smut. A good combine oat.

Tried and Tested Superior Oats

C L I N T O N

MEDIUM MATURITY

DISEASE RESISTANT

The original Clinton Oat was bred and introduced primarily for its resistance to Victoria Blight. Early parentage and general characteristics were very similar to Mohawk. Our Improved Selection 11 is much superior to most available commercial stocks. It is more uniform, yields better and shows considerable improvement in resistance to smut, rust and Victoria Blight (*Helminthosporium*). It has plump, meaty, rich yellow kernels possessing high feeding value. Tall, stiff-strawed and exceptionally high yielding.

A J A X

MID-SEASON

TALL, STIFF STRAW

Originating in Canada, the popularity and use of this oat has spread to most of the many adaptable regions of the north. The meatiness of the kernel offsets the small to medium size of the white grain. Ajax is a tall growing, stiff strawed, mid-season variety. Lodging is no problem. Resistant to *Helminthosporium* Blight and to Race 45 leaf rust. Ajax, in tests conducted in New York, ranked second as a yielder.

C R A I G O A T S

Craig Oats are the newest variety to be released by New York. Craigs are a short, medium stiff strawed oat that, because of their high yielding ability, may well become one of the leading oat varieties in the northeast. They are a white oat and mature about five days later than Mohawk and Clinton. It is a more disease resistant variety than Clinton and Mohawk and is a good variety to use wherever Races 45 and 57 Crown Rust are present. The introduction of Craig will make it possible to obtain continued high yields wherever oat diseases are becoming more serious. Craig oats are highly recommended and we are sorry to be sold out, at this early date, of this promising new one.

S W E D I S H S T A R

Widely known and still a favorite in many parts of the country. Our seed stocks were imported direct from Sweden where this oat originated from a cross between Victory and Crown Oats.

It is an excellent quality white branch oat. Straw is thick walled, stiff, medium tall, and produced by a strong root system. The grain which is white, large and thin hulled, is unsurpassed for feeding or milling.

CANADIAN GROWN HYBRID CORN

Provide for Greater Hardiness, Adaptability, Yield.

Select a Gunson Hybrid to Fit Your Needs



GUNSON 22—85 days for grain—70 days for silage. A new early Hybrid of which we are very proud. In comparative tests it has averaged 10% higher yield than No. 275 and 15% higher than No. 240. It is an excellent dual purpose corn for locations which need a short season. Stalks are 6 to 7 feet high with an abundance of broad leaves. The ear is good size, picks easily and husks clean. Kernel is deep, yellow and smooth dent.

GUNSON 240—80 days for grain—65 days for ensilage. A real early hybrid for areas with a comparatively short growing season. Considering its earliness, it produces a good size flinty ear, deepkerneled, exceptionally small cob, stalks medium in height and leafy. Will outyield standard varieties of flint corn.

GUNSON 275—85 days for grain—70 days for ensilage. An excellent early hybrid, with exceptionally long kernels for an early corn. Will outyield both flint and early open-pollinated dent varieties.

GUNSON 335—95 days for grain—75 days for ensilage. A new Hybrid. This corn has proved itself by yielding phenomenal amounts of grain and silage. Under no circumstances allow the red color to prejudice you against this corn.

GUNSON 355—95 days for grain—75 days for ensilage. A hardy vigorous fast growing hybrid with strong, leafy stalks and well shaped ears. Earlier than Cornell 34-53. 355 has produced yields up to 100 bushels per acre.

GUNSON H300—105 days for grain—90 days for ensilage. An outstanding general purpose corn for practically any section we serve. Yellow dent, straight stalks, great leafiness and large well filled ears. This corn will fit into any corn growing program. By far the outstanding corn on our list.

CORNELL M-4—is the newest release from the New York College of Agriculture. It is an all yellow hybrid that produces both good grain and silage. It will make an excellent dual purpose corn in its area of adaptation. The ear is medium size, well placed on the plant, with smooth kernels. M-4 is a good husker, is resistant to stalk rot diseases and smut. It has excellent standability and is a truly outstanding hybrid. It is slightly earlier than Cornell M-1.

CORNELL 29-3—105 days for grain—85 days for ensilage. Disease resistance, true hybrid vigor and perfection have made this corn a favorite for years. Has reddish yellow kernels on a good sized ear. As tall as Sweepstakes but leafier. Has an excellent root system providing protection in wind and drouth.

GUNSON NORTHERN GROWN CORN

Open-Pollinated Varieties

CARDINAL KING—A new cross-bred corn of unusual vigor. Do not confuse with hybrids which are grown from inbred parents. Stalks are tall, very leafy, many leaves 5 inches or more in width. Foliage is a darker green than most other varieties of ensilage corn. Ears are extra long, small cob, with 12 or more rows of very attractive red kernels with golden yellow cap. About the same maturity as the earliest strains of Sweepstakes and Leaming.

PRIDE OF NISHNA—An improved strain of the Pride of North, bred up with the object in view of getting the largest quantity and best quality silage. Grain is a deep yellow and forms a large ear. Stalks tall, not too coarse and bear an immense amount of broad leaves. For both tonnage and well matured ears plant Gunson Pride of Nishna.

CORNELL 11—Grain corn or early ensilage. One of the best early yellow dent corns ever introduced. Stalks 7 to 9 feet, ears average 8 to 9 inches, with 14 to 22 rows of grain. Kernels medium wide and thick, yellow with an occasional ear showing a reddish tinge. In the short season areas, it is a fine ensilage variety.

EARLY ROCHESTER—Grain corn or early ensilage. This excellent early yellow dent corn introduced by us some years ago, still meets with favor as a husking corn in sections similar to this locality and for an early ensilage corn in areas where the season is shorter. Stalks 8 to 9 feet, ears 8 to 9 inches, small cob, 14 to 20 rows of beautiful yellow kernels.

GOLDEN GLOW—This variety originated in Wisconsin and is classed as an early corn for the southern part of that state. Grain a golden yellow, stalks 7 to 9 feet tall, ears 8½ to 9 inches long. Kernels are very uniform, smooth dented, moderate depth and width, averaging 14 to 18 rows on a cherry red cob.



It is reported by one of our Michigan salesmen that one of his customers bought last year, 2 bu. Pride of Nishna corn which he planted on 10 acres. With the crop from this corn he filled and refilled 2 silos, 12 x 30 and 14 x 30. Needless to say he has reordered for 1954.

CORN—(Open-pollinated—continued)

GUNSON RED GIANT—A cross-bred variety with all the inherent vigor of a hybrid. Grain is a rich dark red with shallow cup, tipped with white. Ears 10 to 12 inches long, almost cylindrical. Stalks 10 to 14 feet, with an immense amount of leaves producing 14 to 20 tons per acre of green fodder. Matures about 10 days later than Cornell 11.

LANCASTER SURE CROP—Originated and developed by Isaac Hershey of Lancaster County, Pa. Ears of unusual length, cob thin, with 16 to 20 rows of grain on each ear. Kernels are shallow but lie close together so there is no lost space between the rows. Grain is a rich yellow but when shelled shows a reddish yellow cast. Stalks tall, very leafy and withstands drought well. Recommended for ensilage except in southern section of Pennsylvania and similar localities where it will fully mature.

RED ROBIN—Grain corn or early ensilage. Ears average from 7 to 9 inches in length, with 12 to 16 rows of medium size kernels, rather short, decidedly brownish-red with an almost white cap. Stalks 7 to 8 feet, very leafy, exceedingly strong and carrying the ears well up on the stalk. This corn in a favorable year has ripened in Northern Vermont but we recommend only for ensilage in such localities and for a husking corn in more southern sections.

W. B. SWEEPSTAKES—A combined cross of Bloody Butcher, Leaming and White Cap Yellow Dent, extremely hardy. It is originated in the West Branch Valley of Pennsylvania. Stalks 12 to 14 feet, foliage long, broad and heavy. Ears average 12 inches long, with 14 to 20 rows of reddish grain with a white cap. A heavy feeder, it requires heavy fertilization. Recommended only for ensilage except in Pennsylvania, Ohio and similar localities.

YELLOW SWEEPSTAKES—A fine late ensilage variety. Stalks 14 to 16 feet high with heavy foliage. Ears 10 to 12 inches long with 12 to 14 rows of broad yellow grain. Later than W.B. Sweepstakes and not recommended for ensilage in northern sections if well matured corn is expected in silage. Sold out for 1954.



MORE DOLLARS PER ACRE. For a bumper corn crop, either silage or grain, apply in the row, 200 lbs. per acre of 4-12-4. If land is not manured, increase to 300 lbs. per acre.

INOCULATION IS GOOD INSURANCE

The Original Legume Inoculator
NOBBE-HILTNER PROCESS
NITRAGIN
 TRADE MARK REG'D. DEC. 3, 1898 NO. 32212
 Restores and Maintains Soil Fertility

Prices
 Subject to
 Change
 Without
 Notice

AB—ALFALFA —CLOVERS

Sweet, Bur, Hubam Clovers
 Red, Alsike, Crimson, White
 and Ladino.

1 bu. each.....\$.55
 2 bu. each..... .95

L—LESPEDeza

100 lb. size (Inoculates up
 to 100 lbs.) ea.....\$.55

C—PEAS, VETCHES (All Varieties)

100 lb. size (Inoculates up
 to 100 lbs.) ea.....\$.50

S—SOYBEANS

Size	Retail
Small (Inoculates up to	
120 lbs. seed).....	\$.40
5 bu. each.....	.60
25 bu. (One can)...	2.70

D—BEANS—

Navy, Pinto, Wax, String,
 Kidney and Great Northern
 1 bu. each.....\$.55

E—PEANUTS, LIMA BEANS, COW PEAS

Small (Inoculates up to
 120 lbs. seed).....\$.40

SPECIAL CULTURE For Birdsfoot Trefoil

4 lb. size\$.15
 30 lb. size..... .40

Inoculation
 increases
 yields.

No legume
 should be
 planted
 without
 proper
 inoculation.

The cost is
 very low.

GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima
 Beans and Edible Soybeans.
 Enough for 8 lbs. seed — Retail Price 15c each

NEW IMPROVED CERESAN—For Wheat, Oats, Barley, etc., to prevent smut and increase the yield.

4 oz. can.....\$.50	4 lb. can.....\$4.35
1 lb. can..... 1.30	

½ ounce treats a bushel.

NEW IMPROVED SEMESAN, JR.—For treating corn to reduce seed rot, improve stand and increase yield.

12 oz.....\$.62	100 lbs..... 49.95
25 lbs.\$13.85	

2 ounces treat one bushel of seed

NEW IMPROVED SEMESAN BEL—Easy, quick dip for treating potatoes to control seed borne diseases.

2 oz.....\$.50

SEMESAN— A disinfectant for vegetable seeds.

1/3 oz.....\$.20	12 oz.....\$ 2.85
2 oz..... .60	25 lbs..... 72.65

NATURE'S FREE FERTILIZER

There are more than 75 million pounds of nitrogen in the air over every acre of land. Inoculated legumes, alfalfa, vetch, clover, etc. draw large amounts of this high cost fertilizer into the soil. For best results all legumes should be treated with "Nitragin."

A TABULAR STATEMENT ON FORAGE CROPS

Crop	Time to Sow	Sown solid Seed Needed per Acre
Oats and Peas	April 1 to June 1	2 bu. oats $\frac{1}{2}$ -1 bu. peas
Oats Peas and Vetch	April 1 to June 10	2 bu. oats $\frac{1}{2}$ to $\frac{3}{4}$ bu. peas 10-15 lbs.
Soy Beans	May 25 to June 15	60-90 lbs.
Soy Beans and Early Sorghum	May 25 to June 15	60 lbs. 20-25 lbs.
Soy Beans and Sudan Grass Japanese Millet may	May 25 to June 15	60 lbs. 15-20 lbs. be substituted for Sudan Grass.
Oats and Early Sorghum Oats and Sorghum make the best pasture combination for sowing	May 25 to June 15 May 25 to June 15	50 lbs. 20 lbs. best pasture combi- g May 25 to June 15
Oats and Sudan Grass Japanese Millet Next to oats and pasturing.	May 25 to June 15 may be substituted for Sudan Grass. sorghum this is	50 lbs. 20 lbs. the best crop for
Early Sorghum	May 25 to June 15	30-40 lbs.
Sudan Grass	May 25 to July 1	20-30 lbs.
Japanese Millet	May 25 to July 1	20-30 lbs.
Hungarian Millet	July 1 to July 15	30-40 lbs.
Birdsfoot Trefoil	Mar. 20 to May 1	5-8 lbs.

Plant Gunson Better-bred Seeds to secure efficient use of labor, land and fertilizer. Better Breeding in seeds will show results in the off-spring, just as markedly as it does in live stock.

WEIGHTS and QUANTITIES

The table below gives range of quantities of seeds required per acre. The high quality and vitality of Gunson's Seeds will under favorable soil and climatic conditions, permit a lighter sowing of many of the items.

SEEDS	Weight Per Bu.	Pounds Per Acre
Alfalfa, broadcast.....	60	15-20
Alfalfa, drilled in.....	60	12-15
Alsike, alone.....	60	6-8
Alsike, in mixture.....	60	2-6
Barley.....	48	96
Birdsfoot Trefoil.....	60	5-8
Blue Grass, for pastures.....	20	30-35
Brome Grass in mixture.....	14	5-7
Buckwheat.....	48	48-60
Clover, Medium Red, alone.....	60	8-12
Clover, Medium Red, in mixture.....	60	4-6
Clover, Mammoth Red, alone.....	60	8-12
Clover, Mammoth Red, in mixture.....	60	4-6
Clover, Sweet, hulled.....	60	12-15
Clover, White Dutch.....	60	4-8
Corn for grain.....	56	10-14
Corn for silage.....	56	14-21
Millet, Hungarian.....	48	40-50
Millet, Japanese.....	35	20-30
Oats.....	32	80
Orchard Grass.....	14	25-35
Peas, Canada Field, broadcast.....	60	120-150
Peas, Canada Field, with oats.....	60	75-90
Rape, broadcast.....	50	6-8
Rape, in drills.....	50	4-5
Red Top, solid seed.....	40	6-8
Reed Canary Grass.....	44	4-8
Rye Grass, Domestic.....	24	25-35
Rye, Perennial.....	24	25-35
Sorghum, broadcast.....	50	30-50
Soy Beans, broadcast.....	60	60-90
Soy Beans, in drills.....	60	30-45
Sudan, drilled in.....	40	10-15
Sudan, broadcast.....	40	20-30
Timothy, alone.....	45	10-15
Timothy, in mixture.....	45	6-10
Vetch, Hairy.....	60	30-40
Vetch, Spring.....	60	40-60
Wheat, Spring.....	60	60-75

